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PHOTOGRAPHIC
INTERPRETATION
REPORT

NPIC/R-1632/64

November 1964

MISSION COVERAGE INDEX

25X1A

MISSIONS [REDACTED] 1269XB, 1270 - 14 NOVEMBER 1964
MISSIONS [REDACTED] 2209, 3117, 3118 - 15 NOVEMBER 1964
MISSIONS [REDACTED] 1279, 1280, 1281 - 18 NOVEMBER 1964

25X1A

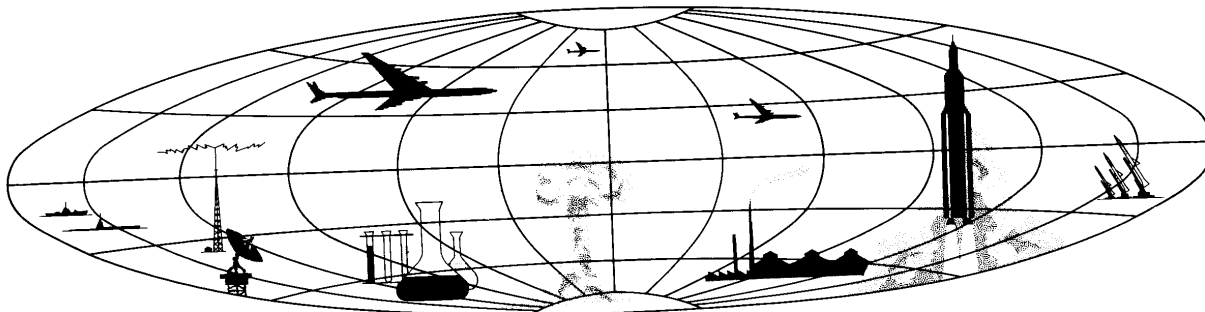


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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



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NPIC/R-1632/64

PREFACE

25X1A

THIS MISSION COVERAGE INDEX (MCI) LISTS THE INTELLIGENCE TARGETS IMAGED ON THE PHOTOGRAPHY OF [REDACTED] MISSIONS 1269XB, 1270 DATED 14 NOVEMBER 1964, 2209, 3117, 3118 DATED 15 NOVEMBER 1964 AND 1279, 1280, 1281 DATED 18 NOVEMBER 1964 COVERING LAOS.

ITEMS ARE ARRANGED IN THREE SECTIONS --

SECTION I PROVIDES SHORT DESCRIPTIONS FOR NEWLY IDENTIFIED TARGETS AND PREVIOUSLY REPORTED TARGETS SHOWING CHANGE, AND ALSO PROVIDES ORDER OF BATTLE INFORMATION.

SECTION II PROVIDES A LISTING OF THOSE TARGETS WHICH REFLECT NO APPARENT CHANGE IN FACILITIES FROM THE MOST ADEQUATE PREVIOUS DESCRIPTION. THE MCI IN WHICH THIS DESCRIPTION APPEARS IS DESIGNATED BY THE APPROPRIATE MISSION NUMBER, PREFIXED BY THE LETTERS NAC AND APPEARING AS THE LAST ENTRY ON THE PHOTO REFERENCE LINE. MILITARY INSTALLATIONS WHERE THERE IS NO SIGNIFICANT CHANGE IN FACILITIES AND WHERE NO ORDER OF BATTLE CAN BE DETERMINED ARE LISTED UNDER THIS SECTION.

SECTION III PROVIDES A LISTING OF THOSE TARGETS WHICH COULD BE IDENTIFIED BUT NOT INTERPRETED.

TARGETS IN EACH SECTION ARE ARRANGED 1) ACCORDING TO SUBJECT, 2) WITHIN THE SUBJECT BY WAC AREA, AND 3) WITHIN THE WAC

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AREA BY GEOGRAPHIC COORDINATES IN ASCENDING ORDER. AN EXPLANATION OF COLUMN HEADINGS AND PHOTO REFERENCES USED IN PRESENTING THE INFORMATION IS CONTAINED IN THE APPENDIX. THE MAP BASE USED (WHEN AVAILABLE) FOR THE DERIVATION OF COORDINATES IN THIS MCI IS THE LATEST EDITION OF THE AMS SERIES L509, SCALE 1/250,000, L004, 1/50,000 AND THE ATC SERIES 200, SCALE 1/200,000.

THE USER OF THIS MCI IS CAUTIONED THAT THE SCAN OF PHOTOGRAPHY WAS ACCOMPLISHED IN A RELATIVELY SHORT TIME AND OFTEN WITHOUT THE AID OF PRECISE ANALYTICAL AND MENSURAL TECHNIQUES COMMONLY EMPLOYED IN DETAILED PHOTOGRAPHIC ANALYSIS. CONSEQUENTLY, ALTHOUGH THE INFORMATION PRESENTED HEREIN IS ESSENTIALLY ACCURATE, ADDITIONAL, DETAILED ANALYSIS MAY SOMEWHAT ALTER PORTIONS OF THE INFORMATION.

SECTION I

THIS SECTION PROVIDES SHORT DESCRIPTIONS FOR NEWLY IDENTIFIED TARGETS AND PREVIOUSLY REPORTED TARGETS SHOWING CHANGE, AND ALSO PROVIDES ORDER OF BATTLE INFORMATION.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-LAOS-</p> <p>AIR INSTALLATIONS</p> <p>TCHEPONE AIRFIELD</p> <p>2.1 NM NW OF TCHEPONE.</p> <p>3,900 X 70 FT NE/SW PROBABLE GRADED EARTH RUNWAY, PROBABLY UNSERVICEABLE.</p> <p>FACILITIES INCLUDE ONE T-SHAPED OPEN PAVILION-TYPE BUILDING AT THE SW END OF RUNWAY.</p> <p>DEFENSES INCLUDE 3 REVETTED UNOCCUPIED AW/LIGHT AAA POSITIONS AND TRENCHES AT SW END OF RUNWAY.</p> <p>A SMALL SUPPORT AREA JUST WEST OF THE SW END OF THE RUNWAY CONTAINS AT LEAST 3 SMALL BUILDINGS DISPERSED IN WOODS AND ONE NEWLY CONSTRUCTED UNOCCUPIED AW POSITION.</p> <p>AIRCRAFT -- NONE OBSERVED.</p> <p>[REDACTED]</p>	<p>1643N 10612E</p> <p>25X1A</p>	0617	25X1A	124
<p>MILITARY INSTALLATIONS</p> <p>MUONG NONG, MILITARY AREA</p> <p>NORTH EDGE OF MUONG NONG AT UTM [REDACTED]</p> <p>RECTANGULAR SECURED AREA CONTAINS 2 HUTS AND 2 DESTROYED HUTS.</p> <p>PROBABLE TEMPLE AREA IMMEDIATELY EAST CONTAINS ONE DESTROYED BUILDING AND ONE</p>	1622N 10630E	0617		191

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>DISMANTLED/DETERIORATED BUILDING. BOMB CRATERS ARE LOCATED AS FOLLOWS (REFERENCED FROM THE RECTANGULAR SECURED AREA) -- THREE BOMB CRATERS WITHIN AREA. TWO BOMB CRATERS 0.1 NM SSW. TWO BOMB CRATERS 0.2 NM NE.</p> <p>25X1D [REDACTED]</p>				
<p>BAN KHA DAP, PROBABLE MILITARY CAMP JUST WEST OF LOA TOM (RIVER) BRIDGE AND NORTH OF ROUTE 9 AT UTM [REDACTED] APPROXIMATELY 45 SHEDS ENCIRCLED BY A SAWTOOTH TRENCH WITH NUMEROUS FIRING BAYS. AREA APPEARS ACTIVE. TWO ABANDONED STRONGPOINTS OVERGROWN WITH VEGETATION OBSERVED JUST WEST OF SE KI TOM (RIVER) AT UTM [REDACTED]</p> <p>25X1D [REDACTED]</p>	1627N 10630E	0617		411
<p>MUONG PHINE MILITARY AREAS TWO PROBABLY ABANDONED MILITARY AREAS AT INTERSECTION OF ROUTES 9 AND 23.</p> <p>25X1D AREA A (UTM [REDACTED] -- 5 PROBABLY INTACT AND 7 DESTROYED OR DISMANTLED BUILDINGS.</p> <p>25X1D AREA B (UTM [REDACTED] -- 5 DETERIORATED BUILDINGS, ONE SMALL SHED, AND 3 BUILDING FOUNDATIONS. SEVERAL BOMB CRATERS OBSERVED.</p> <p>25X1A COMOR TARGET [REDACTED]</p>	1632N 10602E	0617		192

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1D [REDACTED]				
BAN THAY AAA SITE 0.4 NM NW OF BAN THAY AT UTM [REDACTED] ONE 4-GUN AAA SITE AND ONE 5-GUN AW SITE OBSERVED, BOTH UNOCCUPIED.	1634N 10604E	0617		192-E
25X1D [REDACTED]				
BAN DONG, MILITARY AREAS FOUR AREAS IN BAN DONG VICINITY.	1638N 10625E	0617		270
25X1D AREA A (NORTH OF ROUTE 9 AT UTM [REDACTED] -- 5 DETERIORATED BUILDINGS AND ONE HUT IN A HEAVILY WOODED AREA.				
25X1D AREA B (SOUTH OF ROUTE 9 AT UTM [REDACTED] -- OVERGROWN AND ABANDONED STRONGPOINT CONTAINS TRENCHING, FOXHOLES AND AW POSITIONS.				
25X1D AREA C (AT JUNCTION OF ROUTE 9 AND BAN DONG ROAD AT UTM [REDACTED] -- RECTANGULAR AREA CONTAINS PERSONNEL TRENCHES AND AW POSITIONS. AREA IS OVERGROWN AND APPARENTLY ABANDONED.				
25X1D AREA D (NORTH OF ROUTE 9 AT UTM [REDACTED] -- 5 DETERIORATED BUILDINGS AND 4 HUTS DISPERSED IN TREES. FOUR BOMB CRATERS OBSERVED WEST OF AREA. [REDACTED]				
25X1D [REDACTED]				

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	TCHEPONE ARMY BARRACKS NORTHWEST 0.2 NM WEST OF ROUTE 9 HIGHWAY BRIDGE OVER THE SE BANG HIENG (RIVER) AND 1.6 NM NW OF TCHEPONE AT UTM [REDACTED]	1642N 10613E	0617	25X1A [REDACTED]	124-C
25X1D	MILITARY AREA CONTAINS 6 BARRACKS-TYPE BUILDINGS, ONE ADMINISTRATION BUILDING, 8 SMALL SUPPORT BUILDINGS, ONE L-SHAPED VEHICLE STORAGE/MAINTENANCE BUILDING, AND 2 GUARD POSTS.				
25X1D	AREA AT UTM [REDACTED] CONTAINS ONE PROBABLE BARRACKS, ONE ADMINISTRATION, AND ONE SUPPORT BUILDING.				
25X1D	[REDACTED]				
25X1D	BAN NA HI AREA, MILITARY AREA 0.3 NM NE OF BAN NA HI ON EAST SIDE OF ROUTE 91 AND 3.9 NM NW OF TCHEPONE AIRFIELD AT UTM [REDACTED]	1645N 10608E	0617		359-B
25X1D	ROAD-SERVED MILITARY AREA CONTAINS AT LEAST 7 DISPERSED BARRACKS/STORAGE BUILDINGS WITHIN WOODED AREA. HEAVY WHEELED TRACKED ACTIVITY AT ENTRANCE OF AREA INDICATES IT IS ACTIVE.				
25X1D	HEAVY TREE CANOPY AND PARTIAL COVERAGE PRECLUDE FURTHER INTERPRETATION. (SEE ATTACHMENT 1)				
25X1D	[REDACTED]				

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1D BAN NA NHOM, MILITARY AREA NORTH EDGE OF BAN NA NHOM AT UTM [REDACTED] SECURED AREA CONTAINS 3 BARRACKS, ONE LARGE STORAGE, 2 DESTROYED ADMINISTRATION, 6 SUPPORT, 2 DAMAGED SUPPORT, AND ONE DESTROYED SUPPORT BUILDING. BOMB CRATERS OBSERVED AS FOLLOWS (REFERENCED FROM ABOVE AREA) -- THREE CRATERS ON WEST EDGE. ONE CRATER IN CENTER. TWO CRATERS 0.1 NM WEST. (SEE ATTACHMENT 2) [REDACTED]	1702N 10544E	0617		271
25X1D [REDACTED] BAN SENG PHAN, AAA SITES 0.4 NM NORTH OF BAN SENG PHAN AT UTM [REDACTED] AND 17-29-[REDACTED]N 105-42-[REDACTED]E. TWO OCCUPIED 4-GUN (37 MM) AAA SITES. SUPPORT AREA IMMEDIATELY NE CONTAINS AT LEAST 2 CAMOUFLAGED BUILDINGS AND A TRENCH SYSTEM CONNECTING 4 BUNKERS. NUMEROUS PERSONNEL OBSERVED IN AREA. (SEE ATTACHMENT 3) FLAMES AND SMOKE OBSERVED RISING FROM THE REPORTED POINT OF IMPACT OF DOWNED F-100, APPROXIMATELY 1,000 YDS SE OF THE AAA SITES. (SEE ATTACHMENT 4) [REDACTED]	1729N 10542E	0617		358-B
25X1D [REDACTED] BAN PHOU, STRONGPOINTS TWO MILITARY AREAS 0.6 NM SOUTH OF BAN PHOU.	1915N 10336E	0617		483-H

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	AREA A [REDACTED] -- CIRCULAR STRONGPOINT WITH 5 UNOCCUPIED AW POSITIONS. TWO BOMB CRATERS OBSERVED IMMEDIATELY NORTH.				
25X1D	AREA B [REDACTED] -- RECTANGULAR STRONGPOINT WITH 3 POSSIBLY OCCUPIED AND 3 UNOCCUPIED AW POSITIONS.				
25X1D	[REDACTED]				
	MISCELLANEOUS				
	ROUTE 8				
	SINGLE-LANE, NATURAL SURFACE ROAD IN FAIR-TO-GOOD CONDITION OBSERVED FROM 17-33N 105-10E TO 17-41N 105-10E. FORD OBSERVED AT 17-39N 105-10E. NO VEHICLES OBSERVED.				
25X1D	[REDACTED]				
	ROUTE 9				
	APPROXIMATELY 25 NM SEGMENT OF ROUTE 9 OBSERVED FROM MUONG PHINE (16-32N 106-02E) EAST TO SOUTH VIETNAM BORDER AT LAO BAO (16-37N 106-35E). ROAD IS SINGLE-LANE, NATURAL SURFACE IN FAIR CONDITION WITH NUMEROUS WATER-FILLED POTHLES IN SOME SECTIONS.				
25X1D	BRIDGE IN TCHEPONE AREA AT UTM [REDACTED] AND				
25X1D	BRIDGE AT UTM [REDACTED] ARE STILL DAMAGED AND NOT SERVICEABLE FOR VEHICLES.				
25X1D	NO VEHICLES OBSERVED.				
	[REDACTED]				

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<div data-bbox="142 1081 841 1354" data-label="Image"></div> <p>ROUTE 12</p> <p>AN 8 NM STRETCH OF SINGLE-LANE, NATURAL SURFACE, SERVICEABLE ROAD IN POOR-TO-FAIR CONDITION, OBSERVED FROM 17-35N 105-29E TO 17-35N 105-38E. NO VEHICLES OBSERVED.</p> <div data-bbox="168 1541 558 1608" data-label="Image"></div> <p>ROUTE 23</p> <p>SINGLE-LANE, NATURAL SURFACE ROAD IN FAIR CONDITION OBSERVED FROM 17-29N 105-42E TO 17-29N 105-40E. BRIDGE WASHED OUT AT 17-29N 105-42E. CONSTRUCTION MATERIALS OBSERVED ON EITHER SIDE OF RIVER. NO VEHICLES OBSERVED.</p> <div data-bbox="175 1845 488 1965" data-label="Image"></div>				

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>ROUTE 91</p> <p>NATURAL SURFACE, SINGLE-LANE, ALL-WEATHER ROAD OBSERVED FROM 16-43N 106-10E TO 16-45N 106-06E.</p> <p>ROAD IN FAIR-TO-GOOD CONDITION FROM 16-43N 106-10E TO 16-45N 106-07E.</p> <p>FREQUENT DETOURS TO BYPASS HEAVILY RUTTED AREAS INDICATE THE ROAD HAS BEEN HEAVILY USED. THE ROAD APPEARS LITTLE USED AND IN FAIR CONDITION FROM 16-45N 106-07E TO 16-45N 106-06E. IT DETERIORATES INTO A FOOT TRAIL TO THE NORTH.</p> <p>NO VEHICLES OBSERVED.</p> <p>25X1D [REDACTED]</p>				
<p>ROUTE 121</p> <p>SINGLE-LANE, NATURAL SURFACE ROAD IN FAIR CONDITION OBSERVED FROM 17-23N 105-13E TO 17-27N 105-09E.</p> <p>FORD OBSERVED AT MAHAXAY (17-25N 105-12E) ACROSS THE SE BANGLAI (RIVER).</p> <p>NO VEHICLES OBSERVED.</p> <p>25X1D [REDACTED]</p>				

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SECTION II

THIS SECTION PROVIDES A LISTING OF THOSE TARGETS WHICH REFLECT NO APPARENT CHANGE IN FACILITIES FROM THE MOST ADEQUATE PREVIOUS DESCRIPTION. THE MCI IN WHICH THIS DESCRIPTION APPEARS IS DESIGNATED BY THE APPROPRIATE MISSION NUMBER, PREFIXED BY THE LETTERS "NAC" AND APPEARING AS THE LAST ENTRY ON THE PHOTO REFERENCE LINE. MILITARY INSTALLATIONS WHERE THERE IS NO SIGNIFICANT CHANGE IN FACILITIES AND WHERE NO ORDER OF BATTLE CAN BE DETERMINED ARE LISTED UNDER THIS SECTION.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
-LAOS-				
AIR INSTALLATIONS			25X1A	
BAN HOUEI SANE AIRFIELD	1636N 10633E	0617		217-A
25X1D [REDACTED]				
BAN PHAN HOP AIRFIELD	1732N 10544E	0617		199
25X1D [REDACTED]				
MILITARY INSTALLATIONS				
MUONG PHINE POSSIBLE MAINTENANCE AREA	1632N 10601E	0617		192-D
25X1D [REDACTED]				
BAN HOUEI SANE, MILITARY AREAS	1636N 10632E	0617		217
25X1D [REDACTED]				
BAN PHO AREA, MILITARY CAMP	1637N 10636E	0617		272-C
25X1D [REDACTED]				

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
TCHEPONE, STRONGPOINT 25X1D [REDACTED]	1641N 10614E	0617		124-F
BAN NA KOK AREA, STRONGPOINT 25X1D [REDACTED]	1727N 10509E	0617		410
BAN LANG KHANG, STRONGPOINT 25X1A COMOR TARGET [REDACTED]	1733N 10544E	0617		199-A
25X1D [REDACTED]				
BAN NA VENG AREA, MILITARY AREA 25X1D [REDACTED]	1737N 10514E	0617		380

SECTION III

THIS SECTION PROVIDES A LISTING OF THOSE TARGETS WHICH COULD BE IDENTIFIED BUT NOT INTERPRETED.


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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
	-LAOS-				
	AIR INSTALLATIONS			25X1A	
25X1D	BAN NON HON AIRFIELD [REDACTED]	1926N 10305E	0617	[REDACTED]	427
	MILITARY INSTALLATIONS				
25X1D	BAN VANG NOU, POSSIBLE MILITARY CAMP [REDACTED]	1646N 10606E	0617		359-A
25X1D	MAHAXAY AREA, MILITARY AREAS [REDACTED]	1725N 10511E	0617		368
25X1D	BAN NHOMMARATH KEO AREA, AAA/AW POSITIONS [REDACTED]	1734N 10510E	0617		365-C
25X1A	BAN NHOMMARATH KEO, MILITARY AREA	1736N 10509E	0617		365
25X1D	COMOR TARGET [REDACTED] [REDACTED]				
25X1D	BAN NAM TOM AREA, STRONGPOINTS [REDACTED]	1918N 10306E	0617		479-N

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
BASIC SERVICES BAN LANG KHANG, REST/REFUEL/SUPPLY POINT 	1734N 10543E	0617		199-D

25X1D

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APPENDIX

COLUMN HEADINGS

City, Installation--This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. Where appropriate, the city and installation names are followed by a capsule description.

Coordinates--Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

WAC--This column provides the World Aeronautical Chart number for that area in which the subject installation is situated.

Installation Numbers--This column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the installation. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since installation numbers are repeated from WAC to

WAC. For example, there is an NPIC target number 0499-15-A and an NPIC target number 0498-15-A. In each instance, the NPIC installation number is 15-A, but the installations appear on different WAC charts.

COMOR TARGET NUMBERS

Target numbers assigned by the Committee on Overhead Reconnaissance (COMOR), when available, are listed directly above the photo reference data.

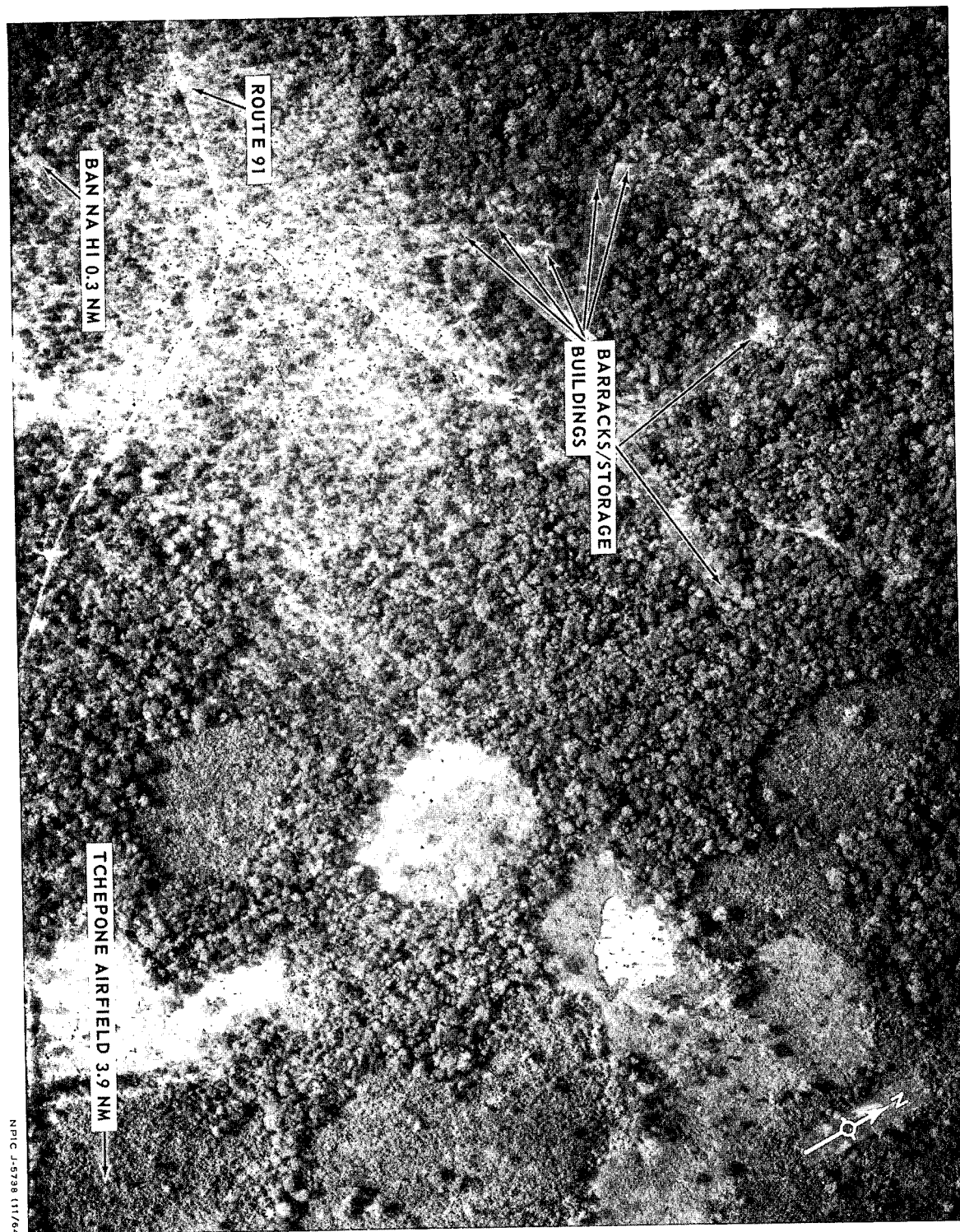
PHOTO REFERENCE DATA

The photo reference data indicates the frame(s) on which the installation appears.

CONDITIONS AFFECTING PHOTOGRAPHY

Following the photo reference data, symbols indicate conditions which affect the appearance of the installation on the photography. The symbols are: C (clear); SC (scattered clouds); HC (heavy clouds); SC-HC (scattered-to-heavy clouds); H (haze); CS (cloud shadow); SD (semi-darkness); O (obliquity); and PQ (poor image quality).

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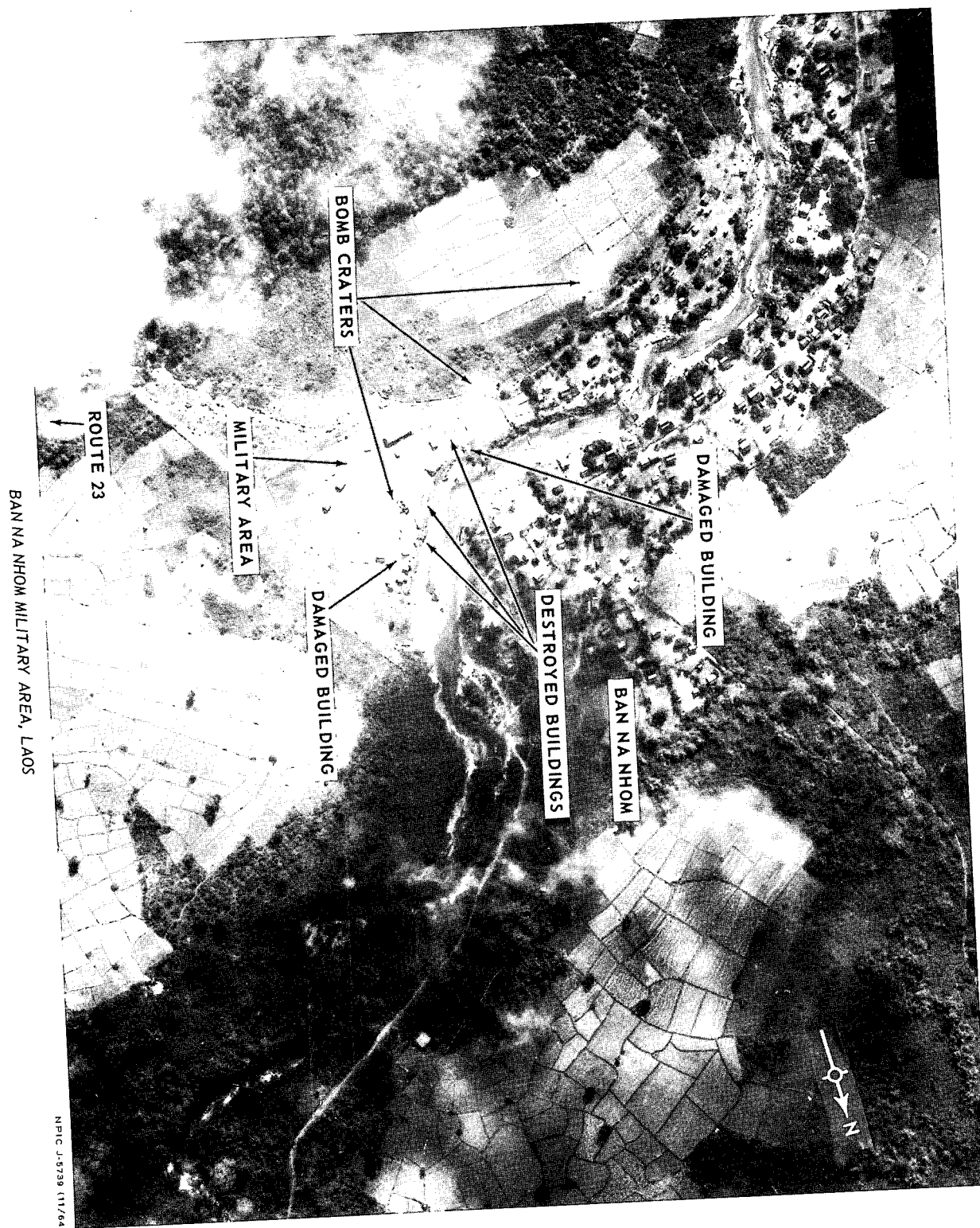


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NPIC/R-1632/64
ATTACHMENT 1

BAN NA HI MILITARY AREA, LAOS

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NPIC/R-1632/64
ATTACHMENT 2

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NPIC/R-1632/64
ATTACHMENT 3



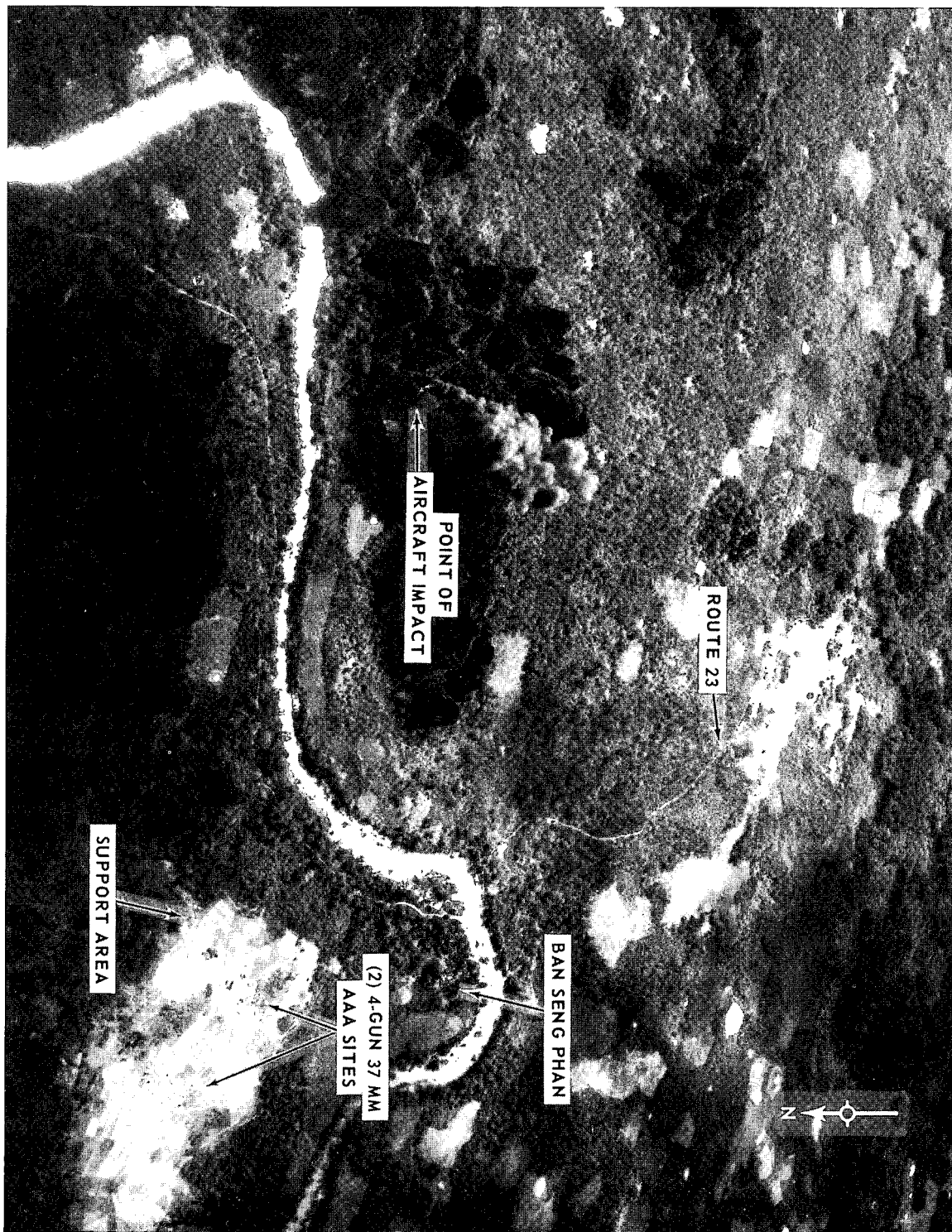
BAN SENG PHAN AAA SITES, LAOS

NPIC J-5740 (11/64)

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NPIC/R-1632/64
ATTACHMENT 4



REPORTED IMPACT POINT OF DOWNED F-100.

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